Swell-resistant polyurethane integral foams

Abstract

The invention relates to swelling-resistant integral polyurethane foams obtainable by reacting polyisocyanate prepolymers (a) with a polyol mixture (b) comprising a polyether polyol (b1) based on a bifunctional starter molecule and a polyether polyol (b2) based on a trifunctional to pentafunctional starter molecule, with the polyols (b1) and (b2) being prepared by alkoxylation by means of ethylene oxide (hereinafter referred to as EO) and propylene oxide (hereinafter referred to as PO), having an ethylene oxide content of more than 50% by weight and at least 5% of the ethylene oxide being present as an EO end cap.